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FIGURE 1

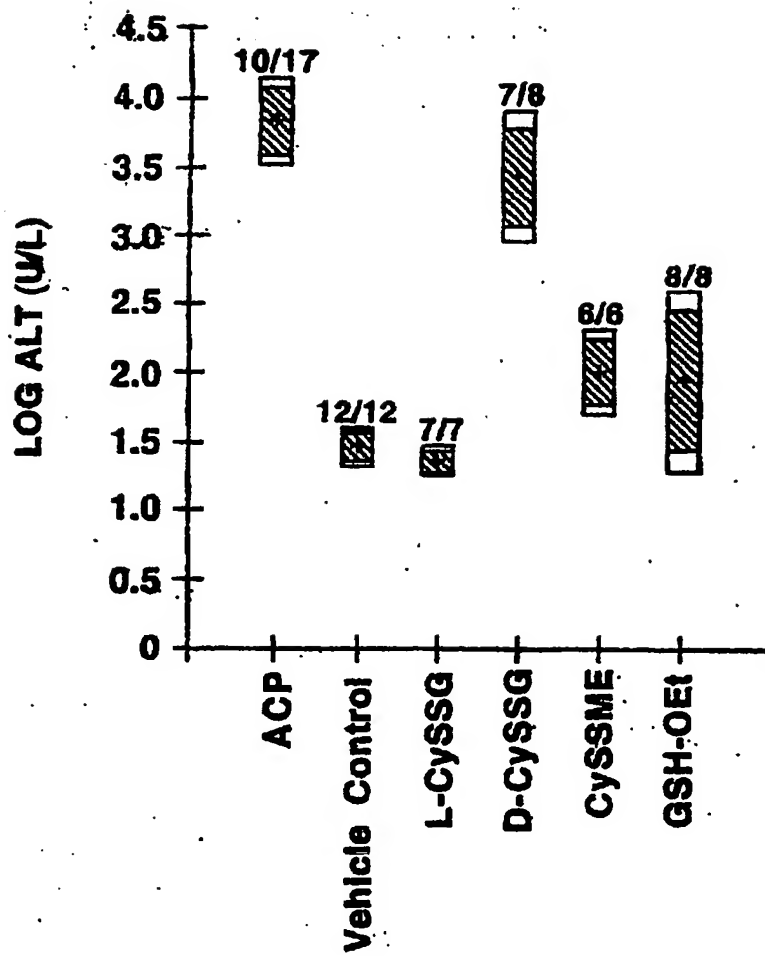
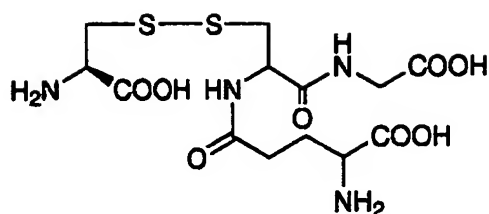
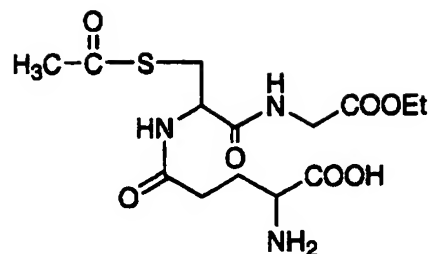


Figure 2



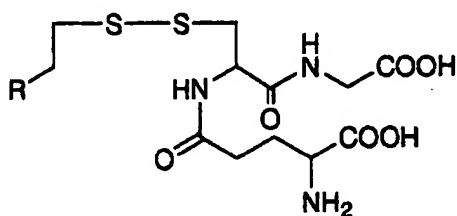
L-CySSG

(W.A. Kleinman and J.R. Richie, *Biochem. Pharmacol.* **60**, 19-29, 2000)



S-Acetylgutathione ethyl ester (S-Ac-GSH-OEt)

[Lauro Galzigna PCT/EP9/01154 (WO 92/00320)]

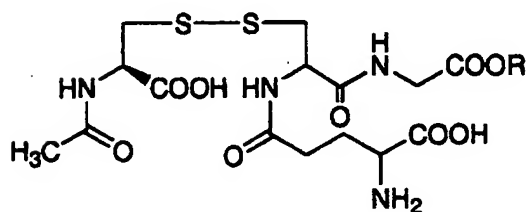


GSSMA (R = NH₂)

(D.A. Keine, E. Strauss, W. Guo, B. Noszai and D. L. Rabenstein, *J. Org. Chem.* **57**, 123-127, 1992)

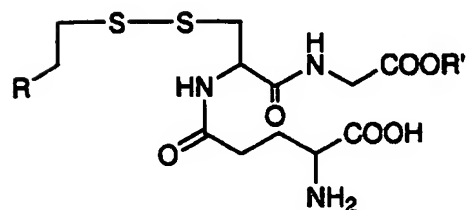
GSSME (R = OH)




S. Sato, R. Sakai and M Kodama, *Bioorg. Med. Chem. Lett.* **10**, 1787-1789, 2000



R = Et; i-Pr; n-Bu

Derivatives of CySSG



R = H₂N-; (CH₃)₂N-; (C₂H₅)₂N-; N-; N-; N-

R' = C₁-C₁₈ alkyl, cycloalkyl (mono-, bi-, tri-), aralkyl, aryl

Derivatives of GSSMA

FIGURE 3

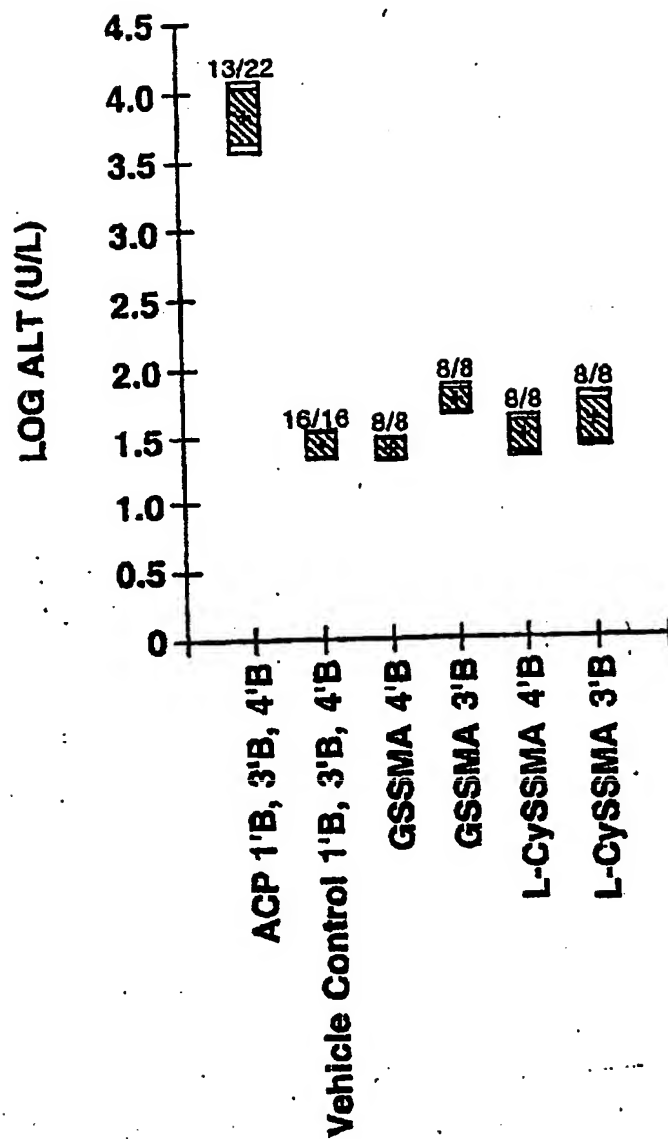


FIGURE 4

